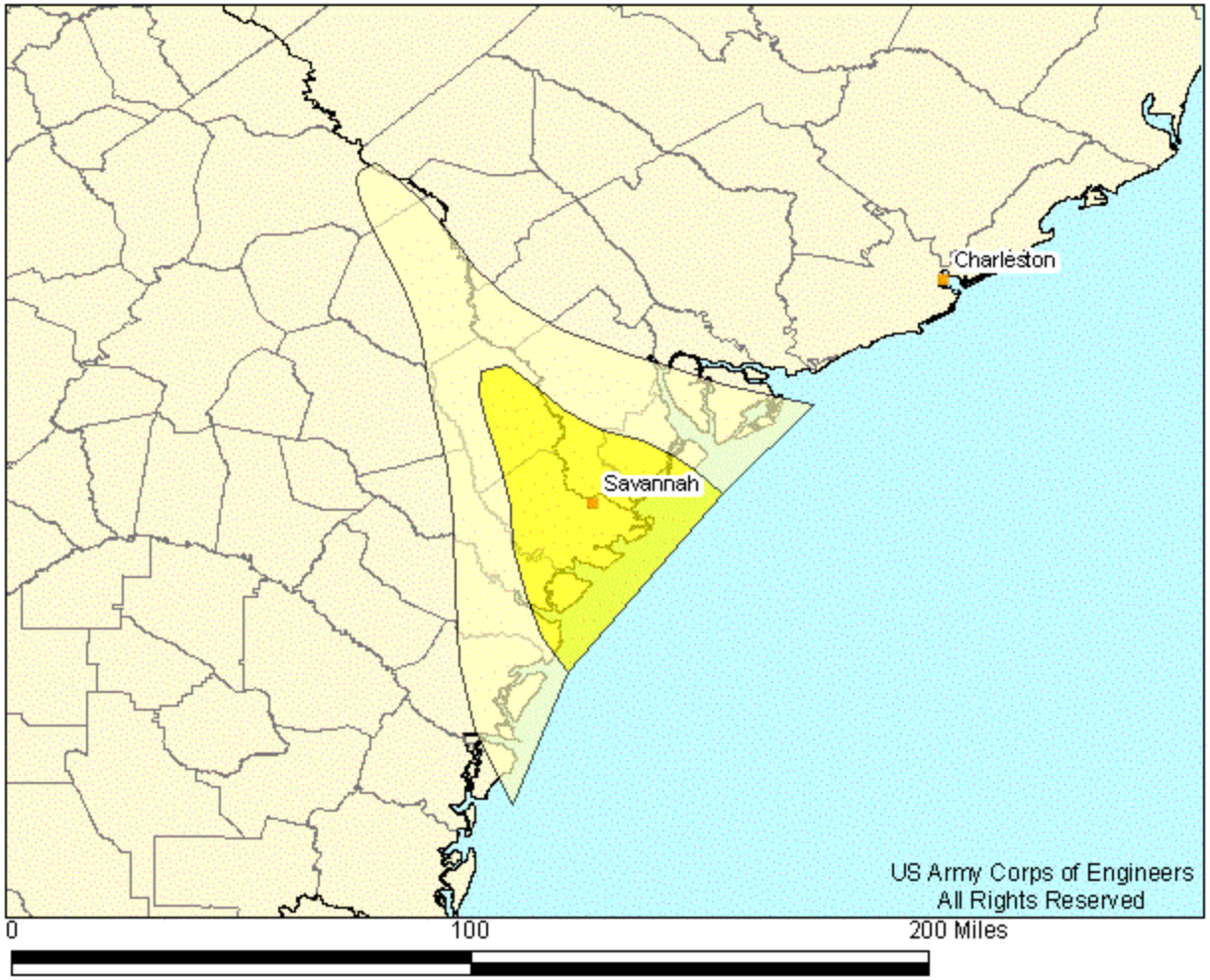
US Army Corps of Engineers

Hurricane NoName Projected Damage Areas

Landfall Expected In About 22 Hours

For Planning Purposes Only!



Post Landfall Projected Damage Areas

This model is based on a Category 1 storm making landfall near Savannah, GA.

Projected Damage Areas

- CAT 0-type damage
- CAT 1-type damage
- CAT 2-type damage
- CAT 3-type damage
- CAT 4-type damage
- CAT 5-type damage

Information provided on this page displays a Category 1 storm making landfall near Savannah, GA. These projections are based on information from the NHC (0900 EDT 09/03/2008) forecast.

Details about this model may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff at DLL-CELRL-GIS@usace.army.mil

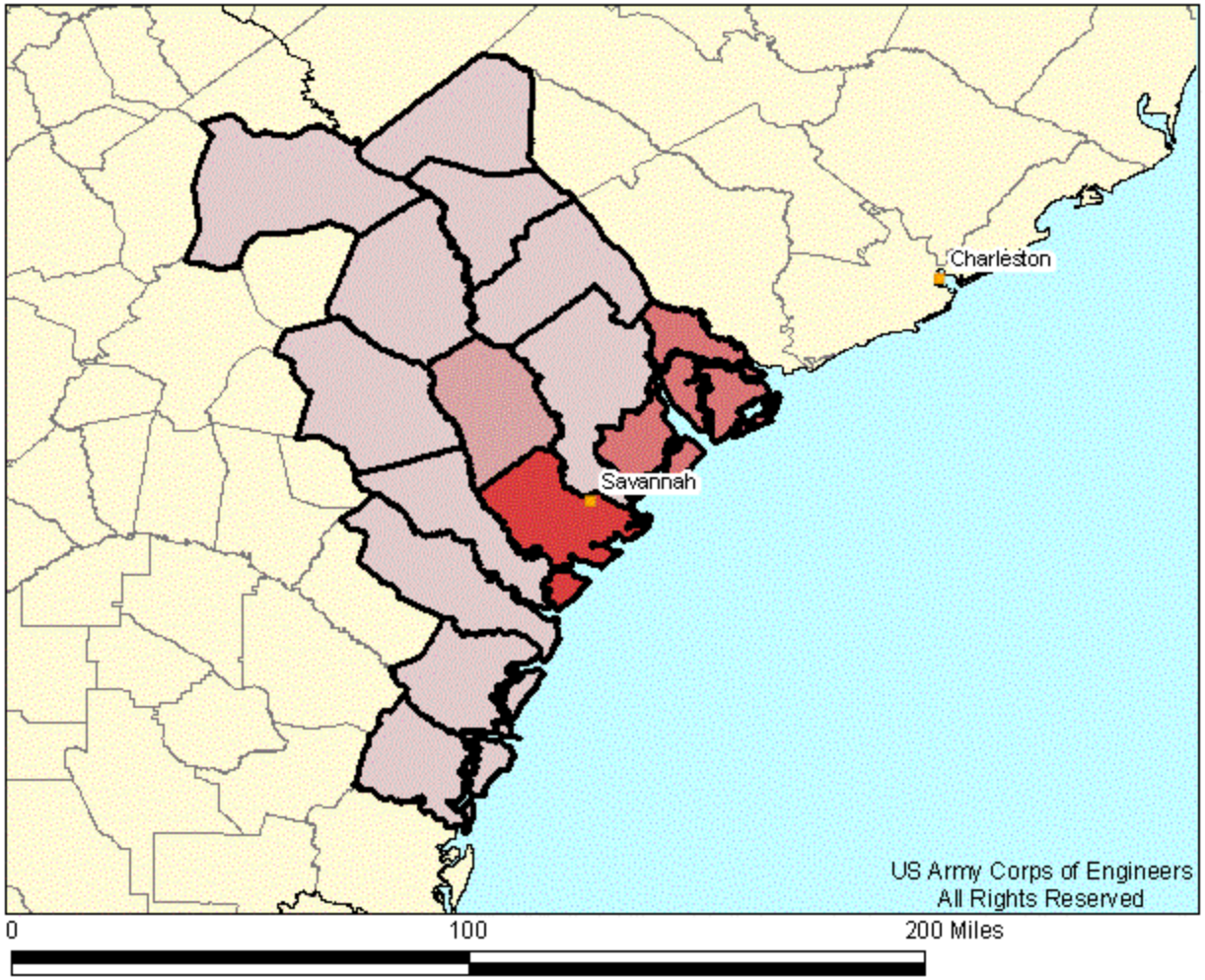
Hurricane NoName Projected Damage Areas	
Generated By: Siemsen, LRL 0930 EDT 09/03/2008	
Sources: HURREVAC LRL-DEBRIS	Page 1 of 11

US Army Corps of Engineers

Hurricane NoName Debris Model

Landfall Expected In About 22 Hours

For Planning Purposes Only!



Post Landfall Debris Model Results

Georgia - 1,046,000 Yards
South Carolina - 297,000 Yards

Model results per County on following page

This model is based on a Category 1 storm making landfall near Savannah, GA.

Debris

- < 100,000 cubic yards
- 100,000 - 249,999 cubic yards
- 250,000 - 499,999 cubic yards
- 500,000 - 999,999 cubic yards
- >1,000,000 cubic yards

Information provided on this page displays a Category 1 storm making landfall near Savannah, GA. These projections are based on information from the NHC (0900 EDT 09/03/2008) forecast. The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

Details about this model may be obtained at http://www.englink.usace.army.mil
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US Army Corps of Engineers

Hurricane NoName Debris Model

Landfall Expected In About 22 Hours

For Planning Purposes Only!

State	Yards per State	County	Yards per County
Georgia		Bryan County	44,000
		Bulloch County	3,000
		Burke County	3,000
		Chatham County	823,000
		Effingham County	125,000
		Glynn County	4,000
		Liberty County	15,000
		McIntosh County	12,000
		Screven County	17,000
Georgia	1,046,000		
South Carolina		Allendale County	< 1,000
		Barnwell County	< 1,000
		Beaufort County	251,000
		Hampton County	4,000
		Jasper County	42,000
South Carolina	297,000		

The amount of debris forecasted is possible total volume, not necessarily the volume that may need to be removed with Federal funds, but does not include volume that may be covered by private insurance. Debris volume may include storm surge generated debris.

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Hurricane NoName Debris Model

Generated By:
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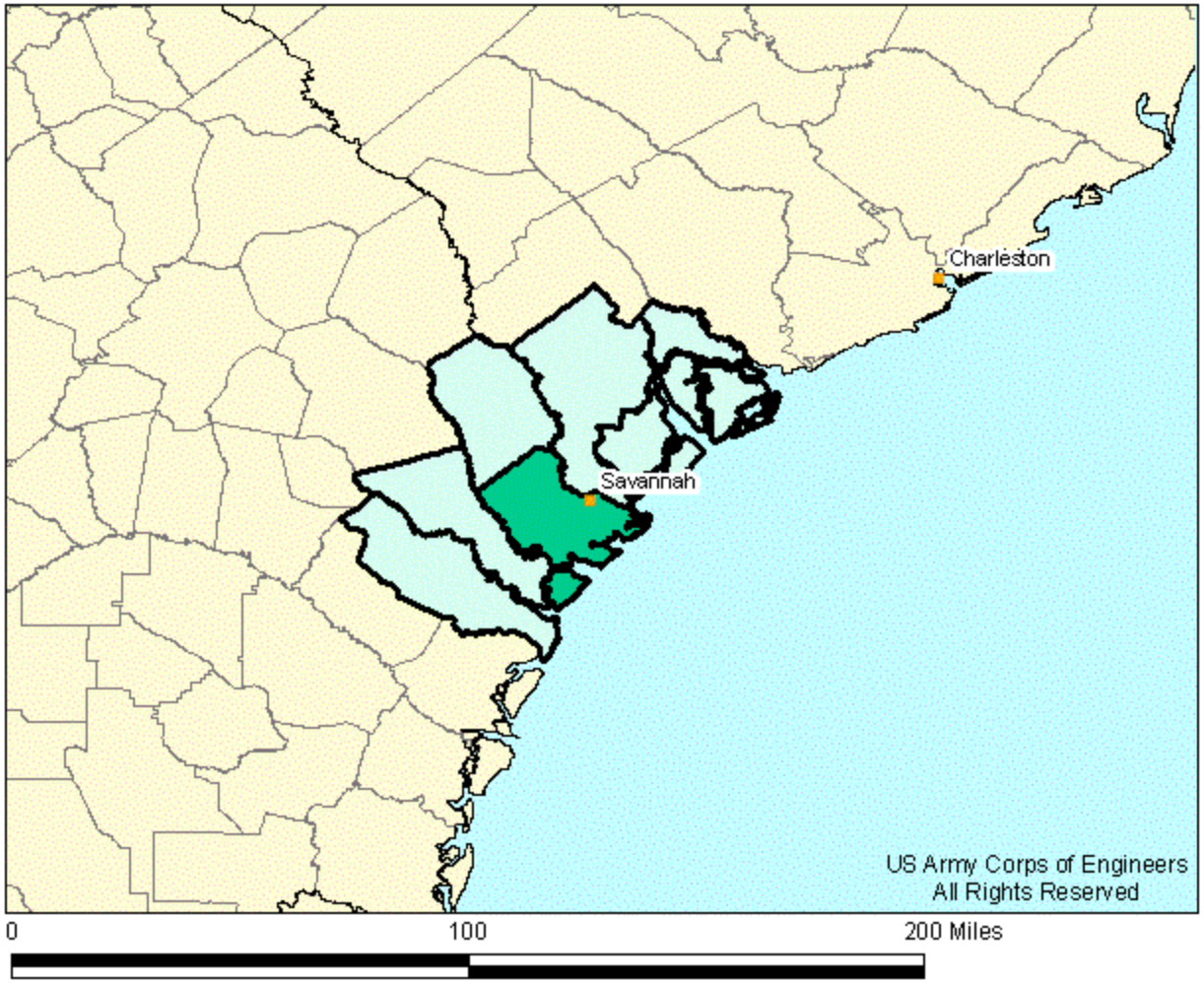
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Commodities Model

Landfall Expected In About 22 Hours

For Planning Purposes Only!



Post Landfall Water Model Results

Day One / Day Two / Day Three

Georgia – 5,9,17 Truckloads

South Carolina – 2,3,3 Truckloads

Model results per County on following page

This model is based on a Category 1 storm making landfall near Savannah, GA.

Commodities

- < 5 Trucks Each
- 5 - 10 Trucks Each
- 11 - 20 Trucks Each
- 21 - 40 Trucks Each
- > 40 Trucks Each

Information provided on this page displays a Category 1 storm making landfall near Savannah, GA. These projections are based on information from the NHC ***(0900 EDT 09/03/2008)*** forecast. The amount of commodities forecasted is based on Mission Guide Book requirements and SME input. The graphic represents single day needs with full distribution system in place and operating.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Commodities Model	
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US Army Corps of Engineers

Hurricane NoName Commodities Model

Landfall Expected In About 22 Hours

For Planning Purposes Only!

State	Truckloads per State	County	Truckloads per County
Georgia		Bryan County	1
		Chatham County	13
		Effingham County	2
		Liberty County	1
Georgia	17		
South Carolina		Beaufort County	2
		Jasper County	1
South Carolina	3		

The amount of commodities forecasted is based on Mission Guide Book requirements and SME input and the above table indicates suggested needs based on phased deployment of a commodities distribution system.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Commodities Model

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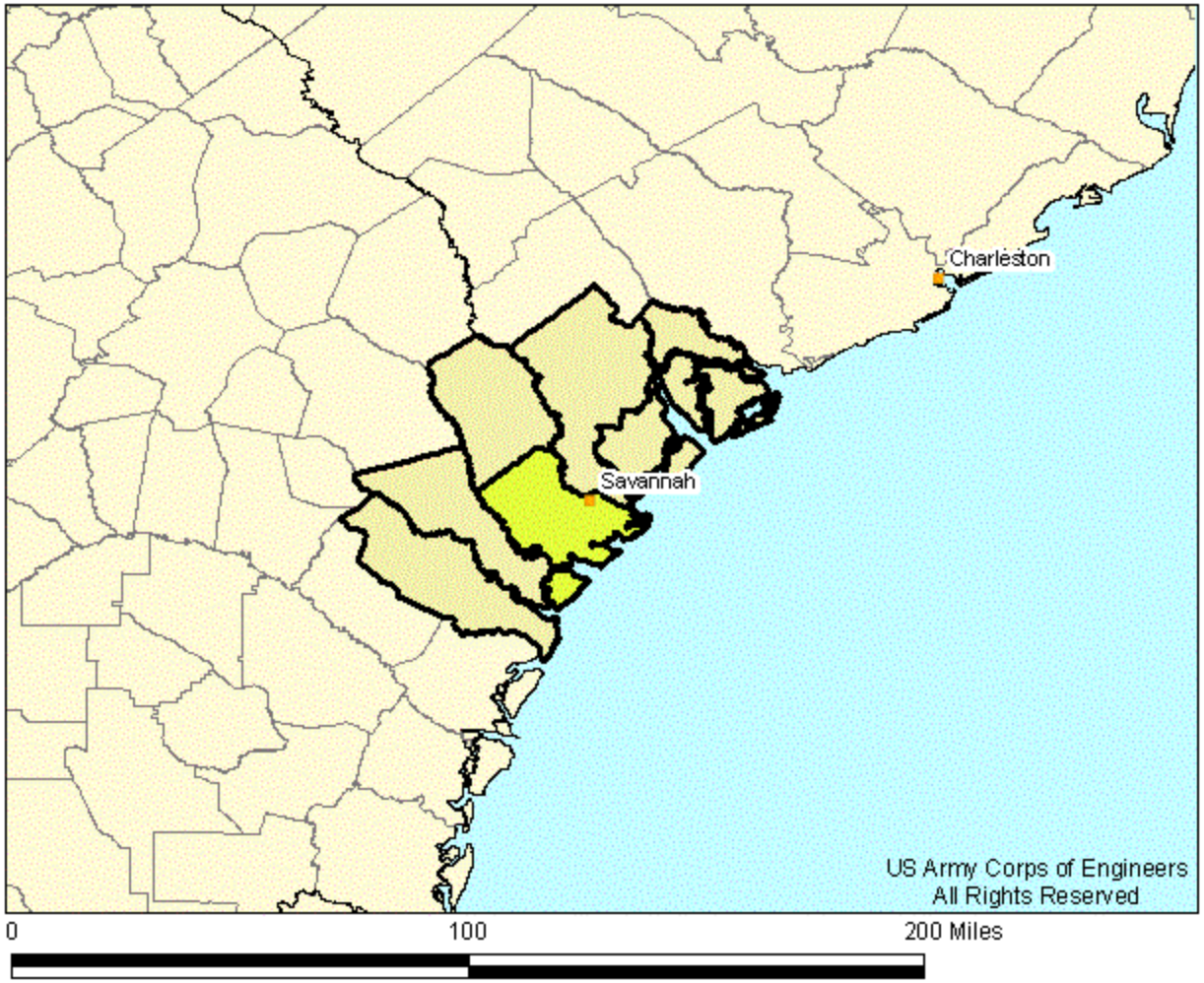
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Temporary Roofing Model

Landfall Expected In About 22 Hours

For Planning Purposes Only!



Post Landfall Temporary Roofing Model Results

Georgia - 3,300
South Carolina - 500

Model results per County on following page

This model is based on a Category 1 storm making landfall near Savannah, GA.

Temporary Roofing

- < 2,000 units
- 2,000 - 3,999 units
- 4,000 - 5,999 units
- 6,000 - 9,999 units
- > 10,000 units

Information provided on this page displays a Category 1 storm making landfall near Savannah, GA. These projections are based on information from the NHC (0900 EDT 09/03/2008) forecast. Temporary roofing is based on 3% in CAT 1.

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Hurricane NoName Roofing Model	
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US Army Corps of Engineers

Hurricane NoName Temporary Roofing Model

For Planning Purposes Only!

Landfall Expected In About 22 Hours

State	House Units per State	County	House Units per County
Georgia		Bryan County	< 100
		Chatham County	2,900
		Effingham County	400
		Liberty County	< 100
Georgia	3,300		
South Carolina		Beaufort County	500
		Jasper County	< 100
South Carolina	500		

Temporary roofing is based on 3% in CAT 1.

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Roofing Model

Generated By:
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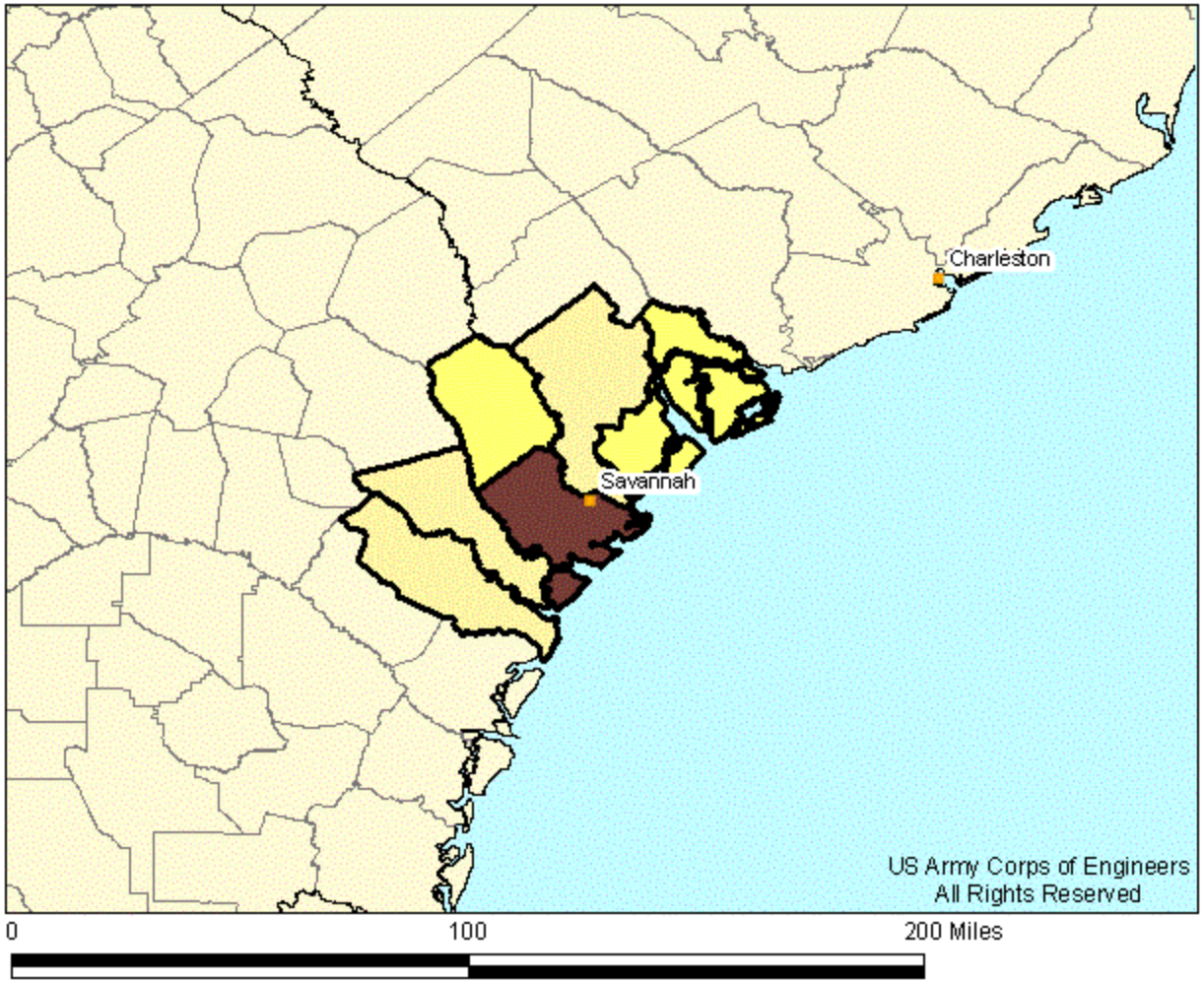
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Population Model

Landfall Expected In About 22 Hours

For Planning Purposes Only!



Post Landfall Results – Resident Population Within Hurricane Force Winds

Georgia - 287,000
South Carolina - 42,000

Model results per County on following page

This model is based on a Category 1 storm making landfall near Savannah, GA.

Population

- < 25,000 persons
- 25,000 - 99,999 persons
- 100,000 - 174,999 persons
- 175,000 - 249,999 persons
- > 250,000 persons

Information provided on this page displays a Category 1 storm making landfall near Savannah, GA. These projections are based on information from the NHC (0900 EDT 09/03/2008) forecast. The numbers of persons included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

Details about this model may be obtained at http://www.englink.usace.army.mil
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Hurricane NoName Population Model	
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Sources: HURREVAC LRL-DEBRIS	Page 8 of 11

US Army Corps of Engineers

Hurricane NoName Population Model

Landfall Expected In About 22 Hours

For Planning Purposes Only!

State	Population per State	County	Population per County
Georgia		Bryan County	9,000
		Chatham County	245,000
		Effingham County	31,000
		Liberty County	2,000
Georgia	287,000		
South Carolina		Beaufort County	36,000
		Jasper County	6,000
South Carolina	42,000		

The number of persons estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

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Hurricane NoName Population Model

Generated By:
Siemsen, LRL 0930 EDT 09/03/2008

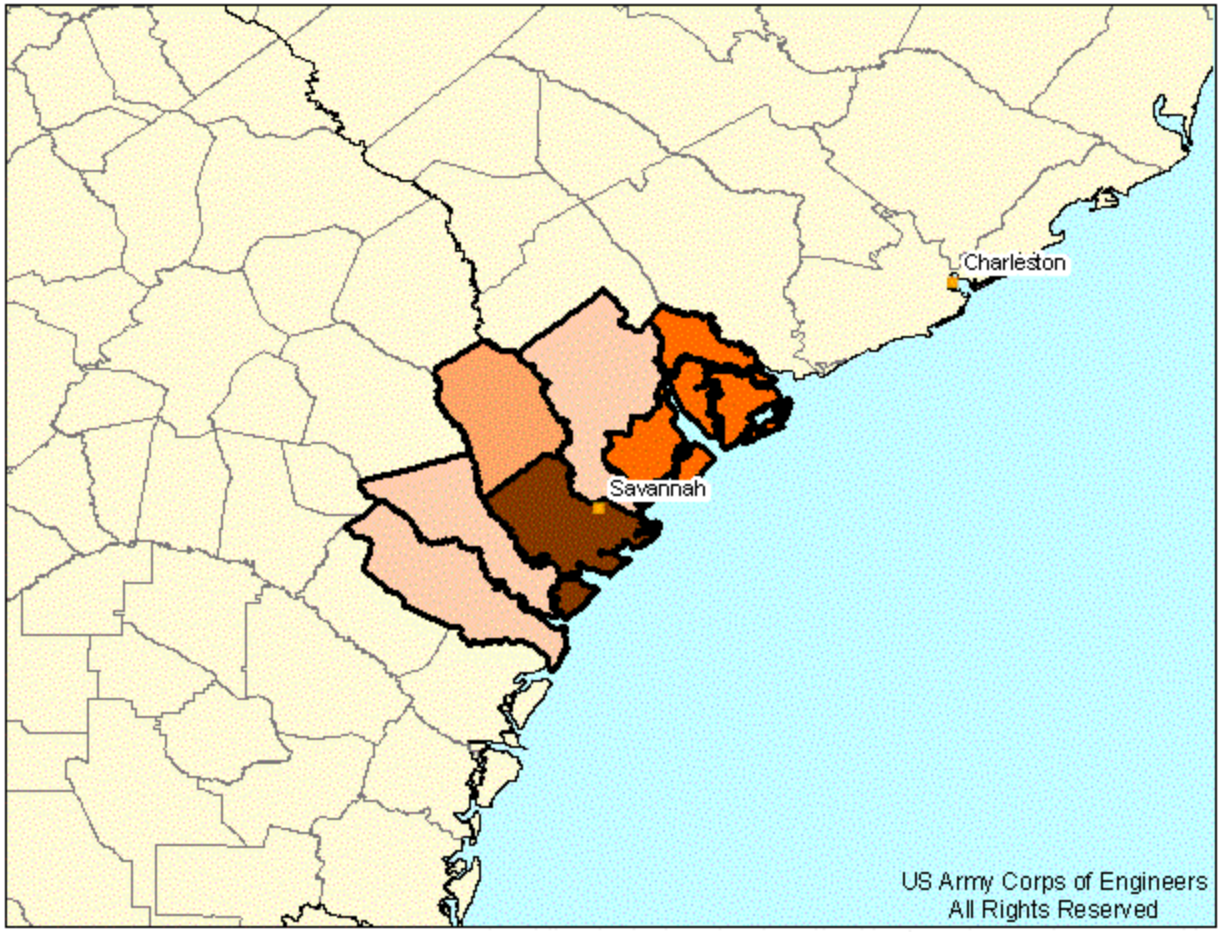
Sources:
HURREVAC
LRL-DEBRIS

US Army Corps of Engineers

Hurricane NoName Households Model

Landfall Expected In About 22 Hours

For Planning Purposes Only!



0 100 200 Miles

Post Landfall Results – Resident Households Within Hurricane Force Winds

Georgia - 109,000
South Carolina - 18,000

Model results per County on following page

This model is based on a Category 1 storm making landfall near Savannah, GA.

Households

- < 7,500 households
- 7,500 - 14,999 households
- 15,000 - 24,999 households
- 25,000 - 49,999 households
- > 50000 households

Information provided on this page displays a Category 1 storm making landfall near Savannah, GA. These projections are based on information from the NHC (0900 EDT 09/03/2008) forecast. The numbers of households included in this model output are those that would be included within estimated hurricane force winds (Census 2000 values adjusted to July 2007 values).

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Hurricane NoName Households Model	
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US Army Corps of Engineers

Hurricane NoName Households Model

Landfall Expected In About 22 Hours

For Planning Purposes Only!

State	Households per State	County	Households per County
Georgia		Bryan County	3,000
		Chatham County	95,000
		Effingham County	11,000
		Liberty County	< 1,000
Georgia	109,000		
South Carolina		Beaufort County	16,000
		Jasper County	2,000
South Carolina	18,000		

The number of households estimated to be within the hurricane force winds comes from Census 2000 values adjusted to July 2007 values.

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Hurricane NoName Households Model

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